

PERMIT SET

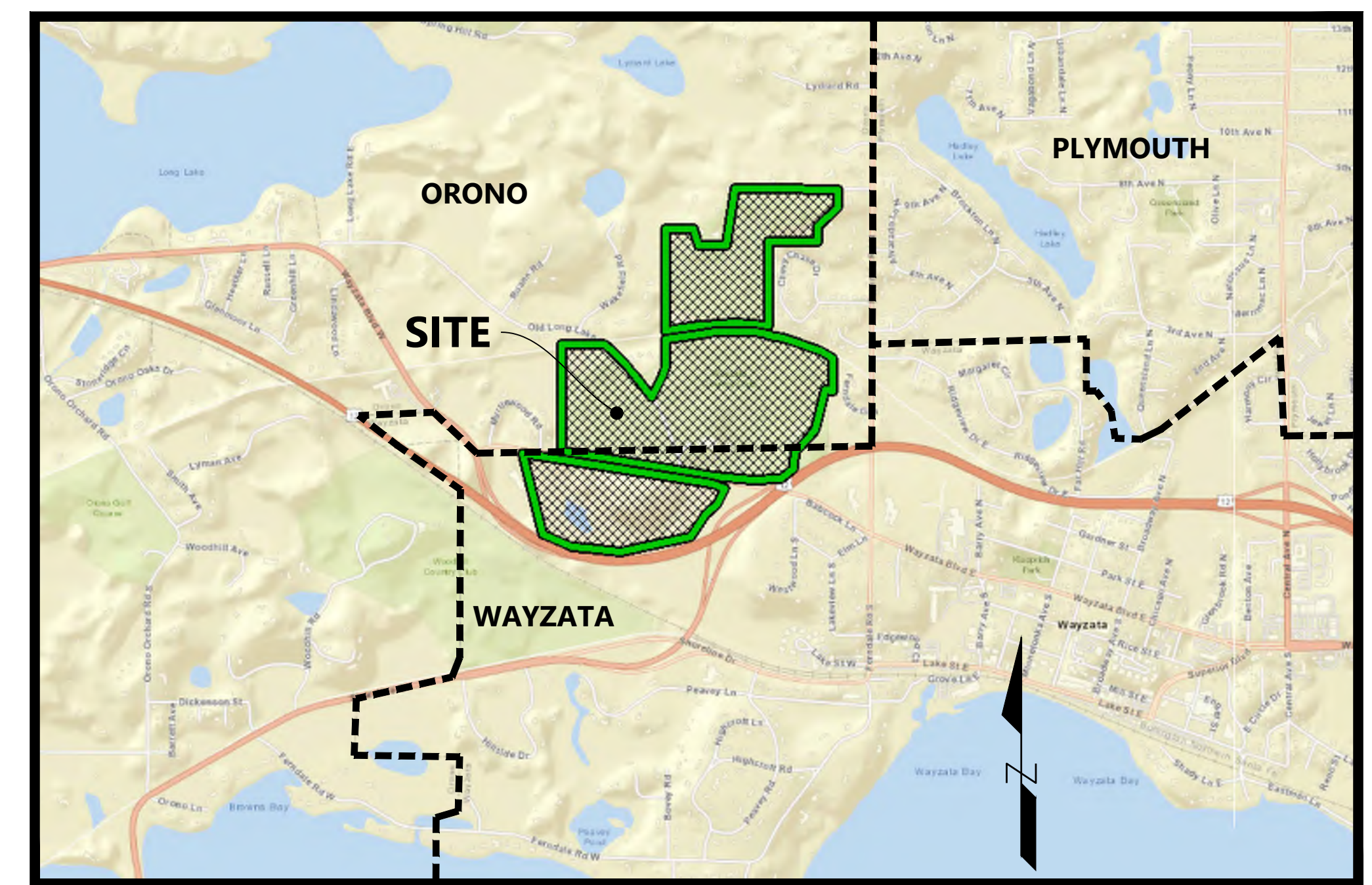
FOR

MASS GRADING, EROSION CONTROL, AND UTILITIES

FOR

WAYZATA COUNTRY CLUB REGRADING

WAYZATA & ORONO, MN



Vicinity Map
(NOT TO SCALE)

PREPARED FOR:

WAYZATA COUNTRY CLUB

200 WAYZATA BLVD W

WAYZATA MN 55391

CONTACT: JESSE TRCKA

EMAIL: JATRCKA@WAYZATACC.COM

PREPARED BY:

Westwood

Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
Fax (952) 937-5822 Minnetonka, MN 55343
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Westwood Professional Services, Inc.

PROJECT NUMBER: 0036326.00

CONTACT: JEFF R. WESTENDORF

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NO.	DATE	REVISION	SHEETS
-	02/27/2024	ORONO COMMENTS	
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-	05/14/2024	ISSUED FOR PERMIT	
-	06/27/2024	PHASING & GRADING	C200, C207
-	07/17/2024	ISSUED FOR MCWD PERMIT	
-	-	-	
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PERMIT SET

FOR
MASS GRADING, EROSION CONTROL, AND
UTILITIES

FOR
WAYZATA COUNTRY CLUB REGRADING
WAYZATA & ORONO, MN

INITIAL SUBMITTAL DATE: 02/20/2024 SHEET: C001



LEGEND

- PROPERTY LINE
- INDEX CONTOUR
- INTERVAL CONTOUR
- CONIFEROUS TREE
- DECIDUOUS TREE
- WETLAND

DESIGNED:	07/20/2024
CHECKED:	
DRAWN:	
APPROVED FOR PERMIT:	
ISSUED FOR PERMIT:	
PHASING & GRADING:	
ISSUED FOR M&WD PERMIT:	

PREPARED FOR:
WAYZATA COUNTRY CLUB
200 WAYZATA BLVD W
WAYZATA MN 55391

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
GRETA M. SCHROEDER
DATE: 07/17/2024 LICENSE NO. 43019

**WAYZATA COUNTRY CLUB
REGRAVING**
WAYZATA & ORONO, MN

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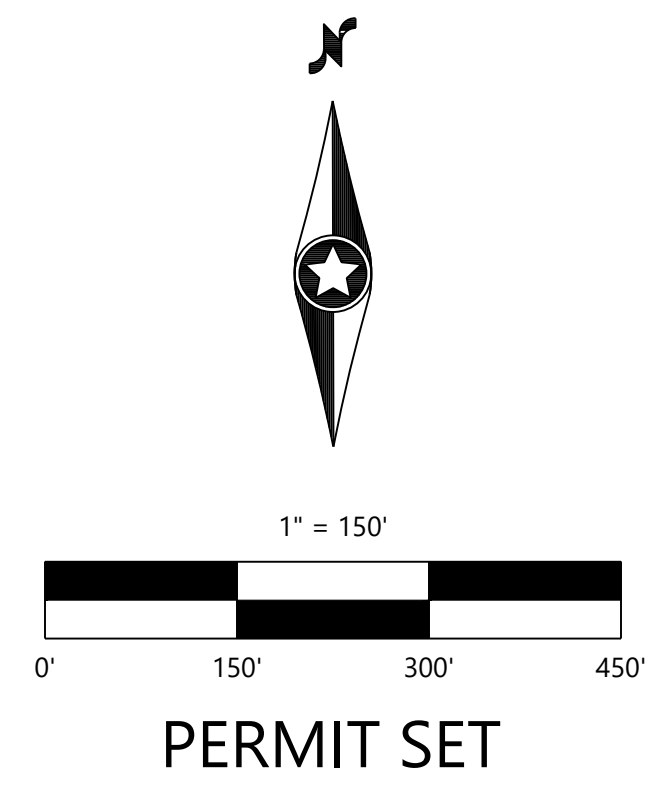
EXISTING CONDITIONS

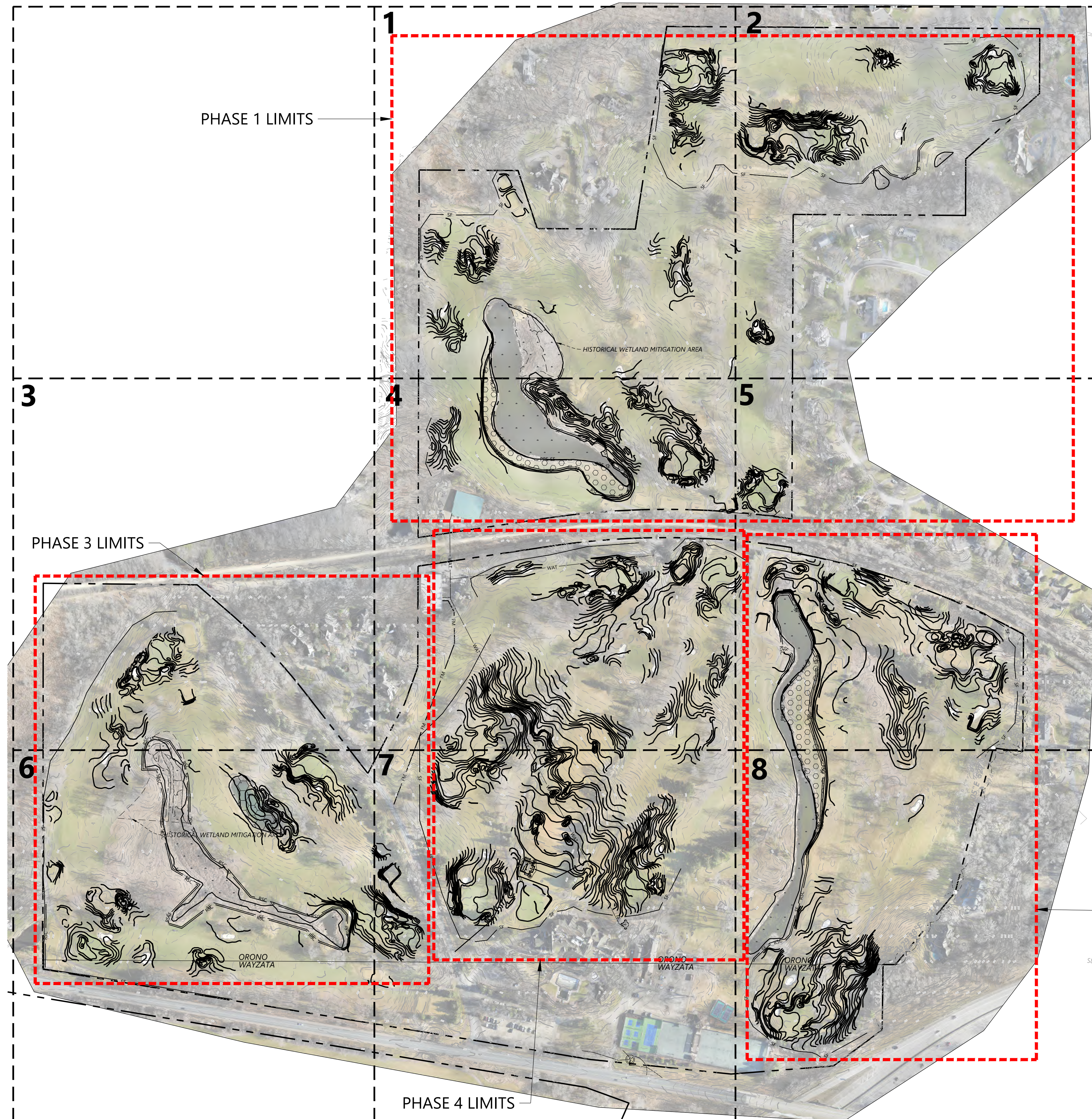
SHEET NUMBER:

C100

DATE: 07/17/2024

PROJECT NUMBER: 0036326.00





GRADING SUMMARY

• PROPERTY AREA	218.3 AC
• DISTURBED AREA	42.9 AC
• INCREASE IN IMPERVIOUS SURFACE (6" WIDE CURT PATHS*) DISCONNECTED IMPERVIOUS SURFACES	13,500 SF
• EARTHWORK VOLUME ESTIMATE * GOLF COURSE ARCHITECT TO MINIMIZE EXPORT BY CREATING LANDSCAPE FEATURES ON SITE WITH EXCESS MATERIAL	41,400 CY EXPORT*

PHASING SUMMARY

- APPROXIMATE PHASING START DATES
- PHASE 1 - FALL 2024
- PHASE 2 - FALL 2024/SPRING 2025
- PHASE 3 - SPRING/SUMMER 2025
- PHASE 4 - SPRING/SUMMER 2025

GRADING LEGEND

EXISTING	PROPOSED	
		PROPERTY LINE
		INDEX CONTOUR
		INTERVAL CONTOUR
		CURB AND GUTTER
		POND NORMAL WATER LEVEL
		WATERMAIN
		SANITARY SEWER
		SANITARY SEWER FORCEMAIN
		SPOT ELEVATION
		FLOW DIRECTION
		SILT FENCE
		REDUNDANT SILT CONTROL
		PRE-CONSTRUCTION SILT CONTROL
		ROCK CONSTRUCTION ENTRANCE
		EROSION CONTROL BLANKET
		DELINEATED WETLAND
		WETLAND FILL AREA
		WETLAND EXCAVATION AREA

WETLAND IMPACT SUMMARY

1. THE APPLICANT HAS SUBMITTED AN INCIDENTAL WETLAND DETERMINATION FOR IMPACTS TO DELINEATED WETLAND FEATURE WB-03 FROM THE MINNEHAHA CREEK WATERSHED DISTRICT UNDER MN RULES 8420.0105 SUBPART 2 (INCIDENTAL WETLANDS) ON FEBRUARY 21, 2024. THE APPLICANT HAS ALSO SUBMITTED AN APPLICATION REQUESTING EITHER A NO-PERMIT REQUIRED LETTER FOR WORK IN WETLAND WB-03 OR AN ADJ THAT THIS WETLAND IS NON-JURISDICTIONAL FROM THE ST PAUL DISTRICT OF THE US ARMY CORPS OF ENGINEERS.

GRADING NOTES

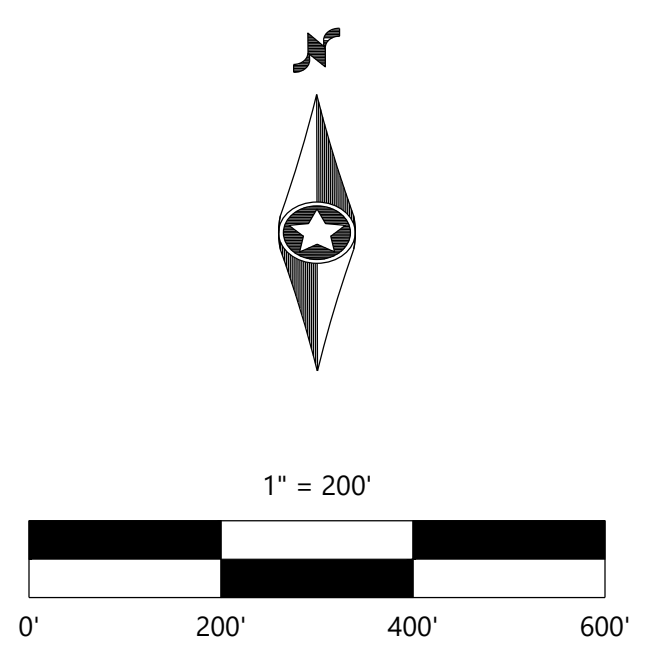
1. LOCATIONS AND ELEVATIONS OF EXISTING TOPOGRAPHY AND UTILITIES AS SHOWN ON THIS PLAN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS AND UTILITY LOCATIONS PRIOR TO EXCAVATION/CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
2. CONTRACTORS SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULE, SLOPED PAVEMENT, EXIT PORCHES, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY ENTRANCE LOCATIONS, AND EXACT LOCATIONS AND NUMBER OF DOWNSPOUTS.
3. ALL EXCAVATION SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF "STANDARD SPECIFICATIONS FOR TRENCH EXCAVATION AND BACKFILL/SURFACE RESTORATION" AS PREPARED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA.
4. ALL DISTURBED UNPAVED AREAS ARE TO RECEIVE SIX INCHES OF TOPSOIL AND SOD OR SEED. THESE AREAS SHALL BE WATERED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED. SEE LANDSCAPE PLAN FOR PLANTING AND TURF ESTABLISHMENT.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, WARNING SIGNS, DIRECTIONAL SIGNS, FLAGMEN AND LIGHTS TO CONTROL THE MOVEMENT OF TRAFFIC WHERE NECESSARY. PLACEMENT OF THESE DEVICES SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT. TRAFFIC CONTROL DEVICES SHALL CONFORM TO APPROPRIATE MNDOT STANDARDS.
6. ALL SLOPES SHALL BE GRADED TO 3:1 OR FLATTER, UNLESS OTHERWISE INDICATED ON THIS SHEET.
7. CONTRACTOR SHALL UNIFORMLY GRADE AREAS WITHIN LIMITS OF GRADING AND PROVIDE A SMOOTH FINISHED SURFACE WITH UNIFORM SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE SHOWN OR BETWEEN SUCH POINTS AND EXISTING GRADES.
8. SPOT ELEVATIONS SHOWN INDICATE FINISHED PAVEMENT ELEVATIONS & GUTTER FLOW LINE UNLESS OTHERWISE NOTED. PROPOSED CONTOURS ARE TO FINISHED SURFACE GRADE.
9. CONTRACTOR SHALL DISPOSE OF ANY EXCESS SOIL MATERIAL THAT EXISTS AFTER THE SITE GRADING AND UTILITY CONSTRUCTION IS COMPLETED. THE CONTRACTOR SHALL DISPOSE OF ALL EXCESS SOIL MATERIAL IN A MANNER ACCEPTABLE TO THE OWNER AND THE REGULATING AGENCIES.
10. ALL CONSTRUCTION SHALL CONFORM TO LOCAL, STATE AND FEDERAL RULES INCLUDING THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS.
11. PRIOR TO PLACEMENT OF ANY STRUCTURE OR PAVEMENT, A PROOF ROLL, AT MINIMUM, WILL BE REQUIRED ON THE SUBGRADE. PROOF ROLLING SHALL BE ACCOMPLISHED BY MAKING MINIMUM OF 2 COMPLETE PASSES WITH FULLY-LOADED TANDEM-AXLE DUMP TRUCK, OR APPROVED EQUAL, IN EACH OF 2 PERPENDICULAR DIRECTIONS WHILE UNDER SUPERVISION AND DIRECTION OF THE INDEPENDENT TESTING LABORATORY. AREAS OF FAILURE SHALL BE EXCAVATED AND RE-COMPACTED AS SPECIFIED HEREIN.
12. EMBANKMENT MATERIAL PLACED BENEATH BUILDINGS AND STREET OR PARKING AREAS SHALL BE COMPACTED IN ACCORDANCE WITH THE SPECIFIED DENSITY METHOD AS OUTLINED IN MNDOT 2105.3F1 AND THE REQUIREMENTS OF THE GEOTECHNICAL ENGINEER.
13. EMBANKMENT MATERIAL NOT PLACED IN THE BUILDING PAD, STREETS OR PARKING AREA, SHALL BE COMPACTED IN ACCORDANCE WITH REQUIREMENTS OF THE ORDINARY COMPACTION METHOD AS OUTLINED IN MNDOT 2105.3F2.
14. ALL SOILS AND MATERIALS TESTING SHALL BE COMPLETED BY AN INDEPENDENT GEOTECHNICAL ENGINEER. EXCAVATION FOR THE PURPOSE OF REMOVING UNSTABLE OR UNSUITABLE SOILS SHALL BE COMPLETED AS REQUIRED BY THE GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED SOILS TESTS AND INSPECTIONS WITH THE GEOTECHNICAL ENGINEER.
15. CONTRACTOR TO SERVE FUTURE BUILDING PAD WITH SMALL UTILITIES. CONTACT OWNER FOR REQUIRED SIZES.
16. CONTRACTOR/OWNER TO OBTAIN SOIL BORING IN AREA OF FUTURE BUILDING PAD.
17. THE TOTAL AREA OF DISTURBANCE SHALL GENERALLY BE LIMITED TO 5 ACRES, MEANING ADDITIONAL AREA MAY BE OPENED AFTER PERMANENT OR TEMPORARY RESTORATION AND EROSION AND SEDIMENT CONTROL ITEMS ARE IN PLACE ON COMPLETED AREAS. THE OWNER SHALL BE REQUIRED TO IMPLEMENT SITE SPECIFIC PHASING REQUIREMENTS SET BY THE CITY OF WAYZATA.
18. ORANGE CONSTRUCTION FENCE SHALL BE REQUIRED ALONG THE PERIMETER OF ALL PROJECTS ADJACENT TO EXISTING BUILDINGS, ROADS, PONDS, OR AS DIRECTED BY THE CITY OF WAYZATA. ORANGE SILT FENCE SHALL NOT BE ACCEPTED AS A SUBSTITUTE FOR ORANGE CONSTRUCTION FENCE.

GENERAL EROSION CONTROL NOTES

1. ALL SILT FENCE AND OTHER EROSION CONTROL FEATURES SHALL BE IN-PLACE PRIOR TO ANY EXCAVATION/CONSTRUCTION AND SHALL BE MAINTAINED UNTIL VIABLE TURF OR GROUND COVER HAS BEEN ESTABLISHED. EXISTING SILT FENCE ON-SITE SHALL BE MAINTAINED AND OR REMOVED AND SHALL BE CONSIDERED INCIDENTAL TO THE GRADING CONTRACT. IT IS OF EXTREME IMPORTANCE TO BE AWARE OF CURRENT FIELD CONDITIONS WITH RESPECT TO EROSION CONTROL. TEMPORARY PONDING, DIKES, HAYBALES, ETC., REQUIRED BY THE CITY SHALL BE INCIDENTAL TO THE GRADING CONTRACT.
2. EROSION AND SILTATION CONTROL (ESC): THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR CONTROLLING ALL SILTATION AND EROSION OF THE PROJECT AREA. THE CONTRACTOR SHALL USE WHATEVER MEANS NECESSARY TO CONTROL THE EROSION AND SILTATION INCLUDING BUT NOT LIMITED TO: CATCH BASIN INSERTS, CONSTRUCTION ENTRANCES, EROSION CONTROL BLANKET, AND SILT FENCE. ESC SHALL COMMENCE WITH GRADING AND CONTINUE THROUGHOUT THE PROJECT UNTIL ACCEPTANCE OF THE WORK BY THE OWNER. THE CONTRACTOR'S RESPONSIBILITY INCLUDES ALL IMPLEMENTATION AS REQUIRED TO PREVENT EROSION AND THE DEPOSITION OF SILT. THE OWNER MAY DIRECT THE CONTRACTOR'S METHODS AS DEEMED FIT TO PROTECT PROPERTY AND IMPROVEMENTS. ANY DEPOSITION OF SILT OR MUD ON NEW OR EXISTING PAVEMENT OR IN EXISTING STORM SEWERS OR SWALES SHALL BE REMOVED AFTER EACH RAIN EVENT. AFFECTED AREAS SHALL BE CLEANED TO THE SATISFACTION OF THE OWNER, ALL AT THE EXPENSE OF THE CONTRACTOR. ALL TEMPORARY EROSION CONTROL SHALL BE REMOVED BY THE CONTRACTOR AFTER THE TURF IS ESTABLISHED.
3. ALL STREETS DISTURBED DURING WORKING HOURS MUST BE CLEANED AT THE END OF EACH WORKING DAY. A CONSTRUCTION ENTRANCE TO THE SITE MUST BE PROVIDED ACCORDING TO DETAILS TO REDUCE TRACKING OF DIRT ONTO PUBLIC STREETS.
4. ALL UNPAVED AREAS ALTERED DUE TO CONSTRUCTION ACTIVITIES MUST BE RESTORED WITH SEED AND MULCH, SOD, EROSION CONTROL BLANKET OR BE HARD SURFACE WITHIN 2 WEEKS OF COMPLETION OF CONSTRUCTION.
5. THE SITE MUST BE STABILIZED PER THE REQUIREMENTS OF THE MPCA, NPDES, MNDOT, AND CITY.
 - A. TEMPORARY (LESS THAN 1-YEAR) SEED SHALL BE MNDOT SEED MIX 21-112 (FALL) OR 21-111 (SPRING/SUMMER) AT 100-POUNDS PER ACRE
 - B. POND SLOPES AND WETLAND AREAS SHALL BE MNDOT SEED MIX 33-261 AT 35-POUNDS PER ACRE.
 - C. FAIRWAYS, GREENS, TEE BOXES, AND OTHER GOLF-RELATED AREAS SHALL BE SEED AND/OR SODDED PER ARCHITECT RECOMMENDATIONS.
 - D. GENERAL SEEDING SHALL BE MNDOT SEED MIX 25-151 AT 70-POUNDS PER ACRE.
 - E. MULCH SHALL BE MNDOT TYPE 1 APPLIED AT 2-TONS PER ACRE.
9. FOR AREAS WITH SLOPE OF 3:1 OR GREATER, RESTORATION WITH SOD OR EROSION CONTROL BLANKET IS REQUIRED.
10. ALL TEMPORARY STOCKPILES MUST HAVE SILT FENCE INSTALLED AROUND THEM TO TRAP SEDIMENT.
11. ALL PERMANENT PONDS USED AS TEMPORARY SEDIMENT BASINS DURING CONSTRUCTION SHALL BE DREGGED AFTER THE SITE HAS BEEN STABILIZED TO RESTORE THE POND TO THE PROPOSED BOTTOM ELEVATION.
12. ALL CONSTRUCTION SHALL CONFORM TO LOCAL AND STATE RULES INCLUDING THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS.
13. THE SITE MUST BE KEPT IN A WELL-DRAINED CONDITION AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY DITCHES, PIPING OR OTHER MEANS REQUIRED TO INSURE PROPER DRAINAGE DURING CONSTRUCTION. LOW POINTS IN ROADWAYS OR BUILDING PADS MUST BE PROVIDED WITH A POSITIVE OUTFLOW.

WETLAND IMPACT SUMMARY

NO.	TYPE	AREA	FILL AREA	EXCAVATION AREA
WB-01	3. PERMIT	0.00 AC		
WB-02	2.1/5. PERMIT/CONTRIBUTOR BOX	1.660 AC		
WB-03	3/5. PERMIT/CONTRIBUTOR BOX	0.470 AC	0.438 AC	
WB-04	2.1/5. PERMIT/CONTRIBUTOR BOX	1.720 AC		0.964 AC
WB-05	2.1/5. PERMIT/CONTRIBUTOR BOX	2.890 AC		0.748 AC
TOTAL		6.541 AC	0.438 AC	1.712 AC



PERMIT SET

DESIGNED:	02/20/2024
CHECKED:	03/07/2024
DRAWN:	04/16/2024
ISSUED FOR PERMIT:	05/14/2024
PHASING & GRADING:	06/27/2024
ISSUED FOR MNDOT PERMIT:	07/17/2024

PREPARED FOR:
WAYZATA COUNTRY CLUB
200 WAYZATA BLVD W
WAYZATA MN 55391

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MINNESOTA.
Gregory L. Schroeder
43019
DATE: 07/17/2024 LICENSE NO.

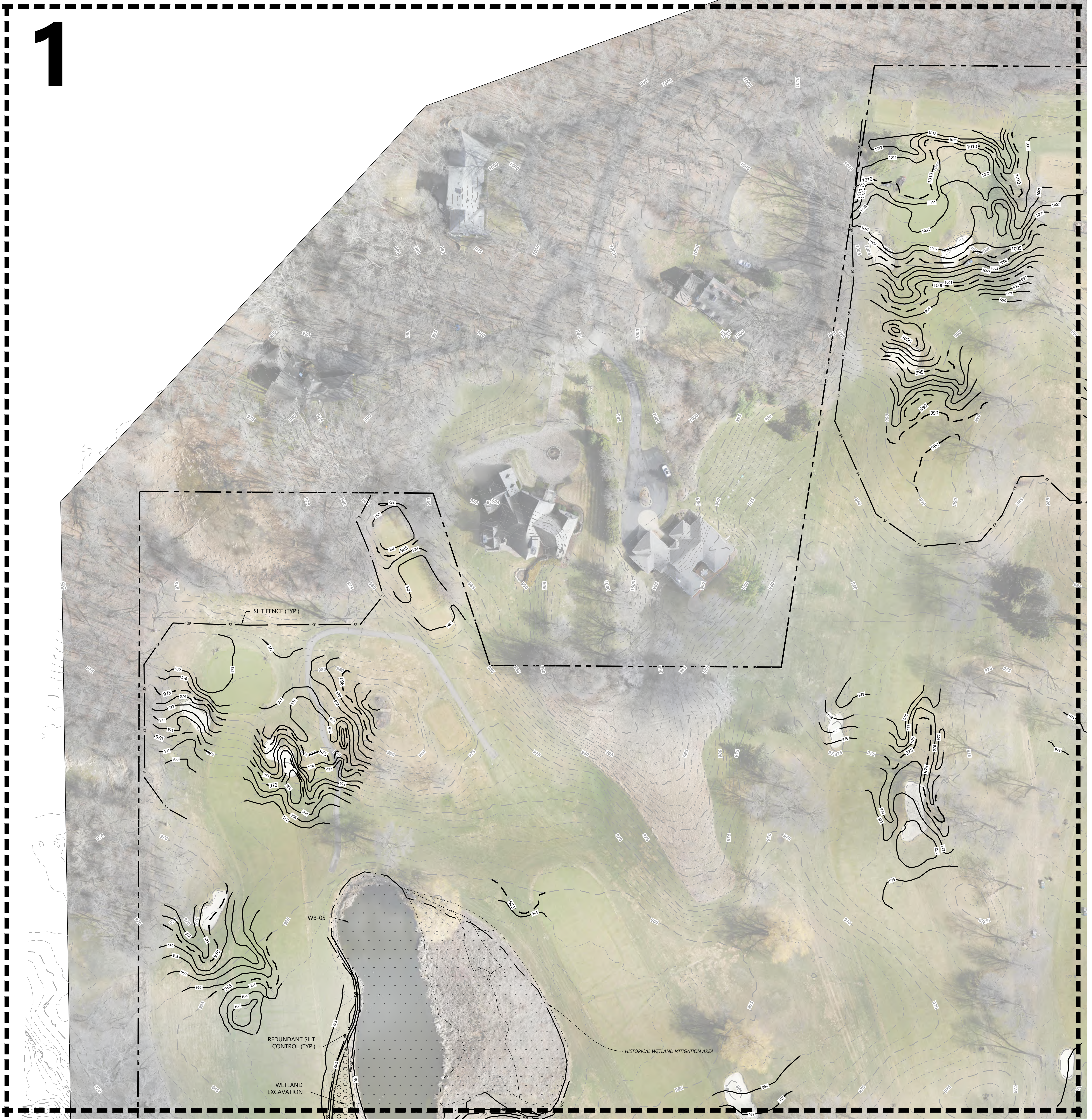
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GRADING PLAN - OVERALL

SHEET NUMBER:
C200

DATE: 07/17/2024
PROJECT NUMBER: 0036326.00



GRADING LEGEND

EXISTING	PROPOSED	
		PROPERTY LINE
		INDEX CONTOUR
		INTERVAL CONTOUR
		CURB AND GUTTER
		POND NORMAL WATER LEVEL
		WATERMAIN
		SANITARY SEWER
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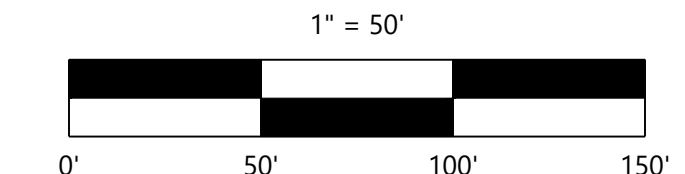
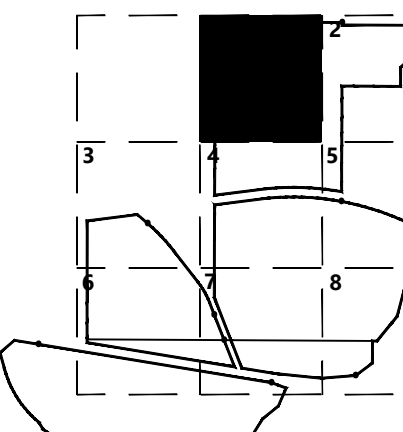
GENERAL EROSION CONTROL NOTES

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- ALL STREETS DISTURBED DURING WORKING HOURS MUST BE CLEANED AT THE END OF EACH WORKING DAY. A CONSTRUCTION ENTRANCE TO THE SITE MUST BE PROVIDED ACCORDING TO DETAILS TO REDUCE TRACKING OF DIRT ONTO PUBLIC STREETS.
- ALL UNPAVED AREAS ALTERED DUE TO CONSTRUCTION ACTIVITIES MUST BE RESTORED WITH SEED AND MULCH, SOD, EROSION CONTROL BLANKET OR BE HARD SURFACE WITHIN 2 WEEKS OF COMPLETION OF CONSTRUCTION.
- THE SITE MUST BE STABILIZED PER THE REQUIREMENTS OF THE MPCA, NPDES, MNDOT, AND CITY.
 - TEMPORARY (LESS THAN 1-YEAR) SEED SHALL BE MNDOT SEED MIX 21-112 (FALL) OR 21-111 (SPRING/SUMMER) AT 100-POUNDS PER ACRE
 - POND SLOPES AND WETLAND AREAS SHALL BE MNDOT SEED MIX 33-261 AT 35-POUNDS PER ACRE.
 - FAIRWAYS, GREENS, TEE BOXES, AND OTHER GOLF-RELATED AREAS SHALL BE SEED AND/OR SODDED PER ARCHITECT RECOMMENDATIONS.
 - GENERAL SEEDING SHALL BE MNDOT SEED MIX 25-151 AT 70-POUNDS PER ACRE.
 - MULCH SHALL BE MNDOT TYPE 1 APPLIED AT 2-TONS PER ACRE.
- FOR AREAS WITH SLOPE OF 3:1 OR GREATER, RESTORATION WITH SOD OR EROSION CONTROL BLANKET IS REQUIRED.**
- ALL TEMPORARY STOCKPILES MUST HAVE SILT FENCE INSTALLED AROUND THEM TO TRAP SEDIMENT.
- ALL PERMANENT PONDS USED AS TEMPORARY SEDIMENT BASINS DURING CONSTRUCTION SHALL BE DREGGED AFTER THE SITE HAS BEEN STABILIZED TO RESTORE THE POND TO THE PROPOSED BOTTOM ELEVATION.
- ALL CONSTRUCTION SHALL CONFORM TO LOCAL AND STATE RULES INCLUDING THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS.
- THE SITE MUST BE KEPT IN A WELL-DRAINED CONDITION AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY DITCHES, PIPING OR OTHER MEANS REQUIRED TO INSURE PROPER DRAINAGE DURING CONSTRUCTION. LOW POINTS IN ROADWAYS OR BUILDING PADS MUST BE PROVIDED WITH A POSITIVE OUTFLOW.

WETLAND IMPACT SUMMARY

NO.	TYPE	AREA	FILL AREA	EXCAVATION AREA
WB-01	3' PERM TX	0.001 AC		
WB-02	2 1/2% PERM TX/PU BOX	1.660 AC		
WB-03	2 1/2% PERM TX/PU BOX	0.470 AC	0.438 AC	
WB-04	2 1/2% PERM TX/PU BOX	1.720 AC		0.364 AC
WB-05	2 1/2% PERM TX/PU BOX	2.890 AC		0.748 AC
TOTAL		6.541 AC	0.438 AC	1.122 AC

KEYMAP



DATE	BY	DESCRIPTION
07/20/2024	WESTWOOD	ISSUED FOR MNDOT PERMIT
06/27/2024	WESTWOOD	PHASING & GRADING
05/14/2024	WESTWOOD	ISSUED FOR PERMIT
04/16/2024	WESTWOOD	GRADING & TREE IN/UPDATES
03/07/2024	WESTWOOD	WAYZATA COMMENTS
02/07/2024	WESTWOOD	WAYZATA COMMENTS

PREPARED FOR:
WAYZATA COUNTRY CLUB
 200 WAYZATA BLVD W
 WAYZATA MN 55391

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND IN ACCORDANCE WITH THE LAWS OF THE STATE OF MINNESOTA.
GRETHER T. SCHROEDER
 43019
 DATE: 07/17/2024 LICENSE NO.

WAYZATA COUNTRY CLUB
REGRAVING
 WAYZATA & ORONO, MN

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 Minneapolis, MN 55438
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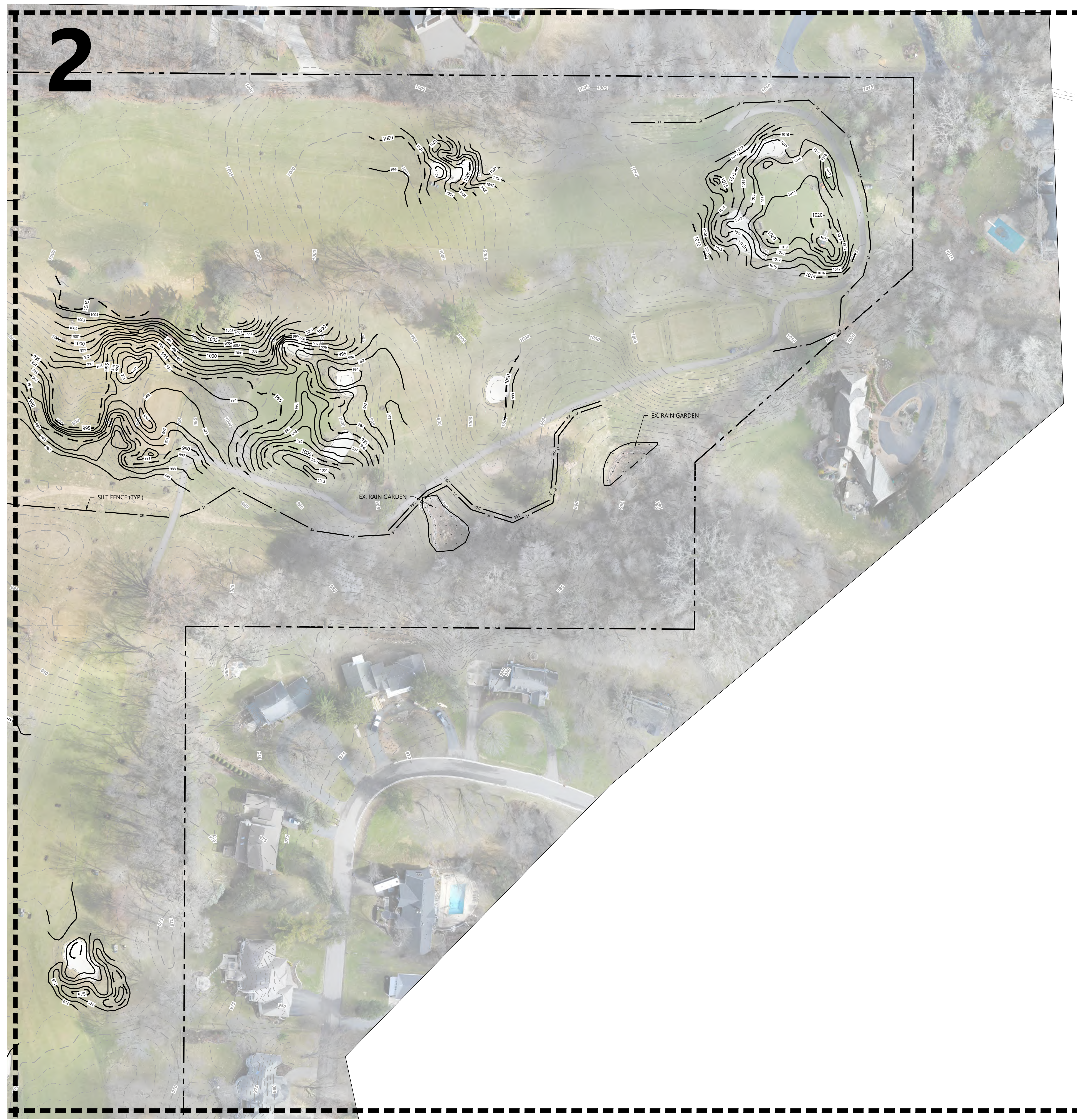
GRADING PLAN - AREA 1

SHEET NUMBER:

C201

DATE: 07/17/2024

PROJECT NUMBER: 0036326.00



GRADING LEGEND

EXISTING	PROPOSED	
		PROPERTY LINE
		INDEX CONTOUR
		INTERVAL CONTOUR
		CURB AND GUTTER
		POND NORMAL WATER LEVEL
		WATERMAIN
		SANITARY SEWER
		SANITARY SEWER FORCEMAIN
		SPOT ELEVATION
		FLOW DIRECTION
		SILT FENCE
		REDUNDANT SILT CONTROL
		PRE-CONSTRUCTION SILT CONTROL
		ROCK CONSTRUCTION ENTRANCE
		EROSION CONTROL BLANKET
		DELINEATED WETLAND
		WETLAND FILL AREA
		WETLAND EXCAVATION AREA

WETLAND IMPACT SUMMARY

1. THE APPLICANT HAS SUBMITTED AN INCIDENTAL WETLAND DETERMINATION FOR IMPACTS TO DELINEATED WETLAND FEATURE WB-03 FROM THE MINNEHAHA CREEK WATERSHED DISTRICT UNDER MN RULES 8420.0105 SUBPART 2 (INCIDENTAL WETLANDS) ON FEBRUARY 21, 2024. THE APPLICANT HAS ALSO SUBMITTED AN APPLICATION REQUESTING EITHER A NO-PERMIT REQUIRED LETTER FOR WORK IN WETLAND WB-03 OR AN ADJ THAT THIS WETLAND IS NON-JURISDICTIONAL FROM THE ST PAUL DISTRICT OF THE US ARMY CORPS OF ENGINEERS.

GRADING NOTES

- LOCATIONS AND ELEVATIONS OF EXISTING TOPOGRAPHY AND UTILITIES AS SHOWN ON THIS PLAN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS AND UTILITY LOCATIONS PRIOR TO EXCAVATION/CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
- CONTRACTORS SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULE, SLOPED PAVEMENT, EXIT PORCHES, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY ENTRANCE LOCATIONS, AND EXACT LOCATIONS AND NUMBER OF DOWNSPOUTS.
- ALL EXCAVATION SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF "STANDARD SPECIFICATIONS FOR TRENCH EXCAVATION AND BACKFILL/SURFACE RESTORATION" AS PREPARED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA.
- ALL DISTURBED UNPAVED AREAS ARE TO RECEIVE SIX INCHES OF TOPSOIL AND SOD OR SEED. THESE AREAS SHALL BE WATERED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED. SEE LANDSCAPE PLAN FOR PLANTING AND TURF ESTABLISHMENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, WARNING SIGNS, DIRECTIONAL SIGNS, FLAGMEN AND LIGHTS TO CONTROL THE MOVEMENT OF TRAFFIC WHERE NECESSARY. PLACEMENT OF THESE DEVICES SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT. TRAFFIC CONTROL DEVICES SHALL CONFORM TO APPROPRIATE MNDOT STANDARDS.
- ALL SLOPES SHALL BE GRADED TO 3:1 OR FLATTER, UNLESS OTHERWISE INDICATED ON THIS SHEET.
- CONTRACTOR SHALL UNIFORMLY GRADE AREAS WITHIN LIMITS OF GRADING AND PROVIDE A SMOOTH FINISHED SURFACE WITH UNIFORM SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE SHOWN OR BETWEEN SUCH POINTS AND EXISTING GRADES.
- SPOT ELEVATIONS SHOWN INDICATE FINISHED PAVEMENT ELEVATIONS & GUTTER FLOW LINE UNLESS OTHERWISE NOTED. PROPOSED CONTOURS ARE TO FINISHED SURFACE GRADE.**
- CONTRACTOR SHALL DISPOSE OF ANY EXCESS SOIL MATERIAL THAT EXISTS AFTER THE SITE GRADING AND UTILITY CONSTRUCTION IS COMPLETED. THE CONTRACTOR SHALL DISPOSE OF ALL EXCESS SOIL MATERIAL IN A MANNER ACCEPTABLE TO THE OWNER AND THE REGULATING AGENCIES.
- ALL CONSTRUCTION SHALL CONFORM TO LOCAL, STATE AND FEDERAL RULES INCLUDING THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS.
- PRIOR TO PLACEMENT OF ANY STRUCTURE OR PAVEMENT, A PROOF ROLL, AT MINIMUM, WILL BE REQUIRED ON THE SUBGRADE. PROOF ROLLING SHALL BE ACCOMPLISHED BY MAKING MINIMUM OF 2 COMPLETE PASSES WITH FULLY LOADED TANDEM-AXLE DUMP TRUCK, OR APPROVED EQUAL, IN EACH OF 2 PERPENDICULAR DIRECTIONS WHILE UNDER SUPERVISION AND DIRECTION OF THE INDEPENDENT TESTING LABORATORY. AREAS OF FAILURE SHALL BE EXCAVATED AND RE-COMPACTED AS SPECIFIED HEREIN.
- EMBANKMENT MATERIAL PLACED BENEATH BUILDINGS AND STREET OR PARKING AREAS SHALL BE COMPACTED IN ACCORDANCE WITH THE SPECIFIED DENSITY METHOD AS OUTLINED IN MNDOT 2105.3F1 AND THE REQUIREMENTS OF THE GEOTECHNICAL ENGINEER.
- EMBANKMENT MATERIAL NOT PLACED IN THE BUILDING PAD, STREETS OR PARKING AREA, SHALL BE COMPACTED IN ACCORDANCE WITH REQUIREMENTS OF THE ORDINARY COMPACTION METHOD AS OUTLINED IN MNDOT 2105.3F2.
- ALL SOILS AND MATERIALS TESTING SHALL BE COMPLETED BY AN INDEPENDENT GEOTECHNICAL ENGINEER. EXCAVATION FOR THE PURPOSE OF REMOVING UNSTABLE OR UNSUITABLE SOILS SHALL BE COMPLETED AS REQUIRED BY THE GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED SOILS TESTS AND INSPECTIONS WITH THE GEOTECHNICAL ENGINEER.
- CONTRACTOR TO SERVE FUTURE BUILDING PAD WITH SMALL UTILITIES. CONTACT OWNER FOR REQUIRED SIZES.
- CONTRACTOR/OWNER TO OBTAIN SOIL BORING IN AREA OF FUTURE BUILDING PAD.
- THE TOTAL AREA OF DISTURBANCE SHALL GENERALLY BE LIMITED TO 5 ACRES, MEANING ADDITIONAL AREA MAY BE OPENED AFTER PERMANENT OR TEMPORARY RESTORATION AND EROSION AND SEDIMENT CONTROL ITEMS ARE IN PLACE ON COMPLETED AREAS. THE OWNER SHALL BE REQUIRED TO IMPLEMENT SITE SPECIFIC PHASING REQUIREMENTS SET BY THE CITY OF WAYZATA.
- ORANGE CONSTRUCTION FENCE SHALL BE REQUIRED ALONG THE PERIMETER OF ALL PROJECTS ADJACENT TO EXISTING BUILDINGS, ROADS, PONDS, OR AS DIRECTED BY THE CITY OF WAYZATA. ORANGE SILT FENCE SHALL NOT BE ACCEPTED AS A SUBSTITUTE FOR ORANGE CONSTRUCTION FENCE.

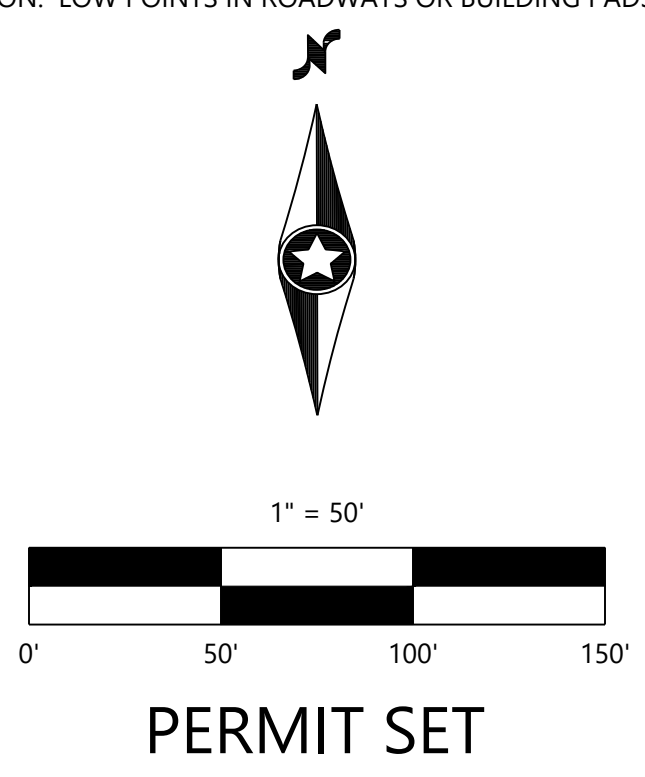
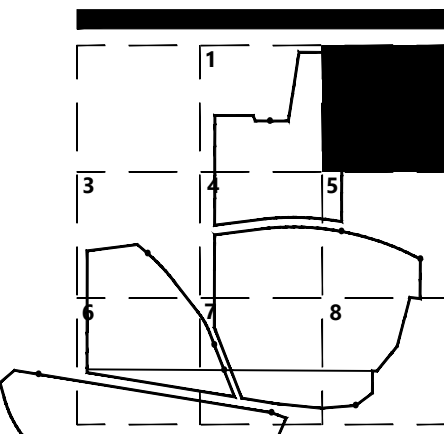
GENERAL EROSION CONTROL NOTES

- ALL SILT FENCE AND OTHER EROSION CONTROL FEATURES SHALL BE IN-PLACE PRIOR TO ANY EXCAVATION/CONSTRUCTION AND SHALL BE MAINTAINED UNTIL VIABLE TURF OR GROUND COVER HAS BEEN ESTABLISHED. EXISTING SILT FENCE ON-SITE SHALL BE MAINTAINED AND OR REMOVED AND SHALL BE CONSIDERED INCIDENTAL TO THE GRADING CONTRACT. IT IS OF EXTREME IMPORTANCE TO BE AWARE OF CURRENT FIELD CONDITIONS WITH RESPECT TO EROSION CONTROL. TEMPORARY PONDING, DIKES, HAYBALES, ETC., REQUIRED BY THE CITY SHALL BE INCIDENTAL TO THE GRADING CONTRACT.
- EROSION AND SILTATION CONTROL (ESC): THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR CONTROLLING ALL SILTATION AND EROSION OF THE PROJECT AREA. THE CONTRACTOR SHALL USE WHATEVER MEANS NECESSARY TO CONTROL THE EROSION AND SILTATION INCLUDING BUT NOT LIMITED TO: CATCH BASIN INSERTS, CONSTRUCTION ENTRANCES, EROSION CONTROL BLANKET, AND SILT FENCE. ESC SHALL COMMENCE WITH GRADING AND CONTINUE THROUGHOUT THE PROJECT UNTIL ACCEPTANCE OF THE WORK BY THE OWNER. THE CONTRACTOR'S RESPONSIBILITY INCLUDES ALL IMPLEMENTATION AS REQUIRED TO PREVENT EROSION AND THE DEPOSITION OF SILT. THE OWNER MAY DIRECT THE CONTRACTOR'S METHODS AS DEEMED FIT TO PROTECT PROPERTY AND IMPROVEMENTS. ANY DEPOSITION OF SILT OR MUD ON NEW OR EXISTING PAVEMENT OR IN EXISTING STORM SEWERS OR SWALES SHALL BE REMOVED AFTER EACH RAIN EVENT. AFFECTED AREAS SHALL BE CLEANED TO THE SATISFACTION OF THE OWNER, ALL AT THE EXPENSE OF THE CONTRACTOR. ALL TEMPORARY EROSION CONTROL SHALL BE REMOVED BY THE CONTRACTOR AFTER THE TURF IS ESTABLISHED.
- ALL STREETS DISTURBED DURING WORKING HOURS MUST BE CLEANED AT THE END OF EACH WORKING DAY. A CONSTRUCTION ENTRANCE TO THE SITE MUST BE PROVIDED ACCORDING TO DETAILS TO REDUCE TRACKING OF DIRT ONTO PUBLIC STREETS.
- ALL UNPAVED AREAS ALTERED DUE TO CONSTRUCTION ACTIVITIES MUST BE RESTORED WITH SEED AND MULCH, SOD, EROSION CONTROL BLANKET OR BE HARD SURFACE WITHIN 2 WEEKS OF COMPLETION OF CONSTRUCTION.
- THE SITE MUST BE STABILIZED PER THE REQUIREMENTS OF THE MPCA, NPDES, MNDOT, AND CITY.
 - TEMPORARY (LESS THAN 1-YEAR) SEED SHALL BE MNDOT SEED MIX 21-112 (FALL) OR 21-111 (SPRING/SUMMER) AT 100-POUNDS PER ACRE
 - POND SLOPES AND WETLAND AREAS SHALL BE MNDOT SEED MIX 33-261 AT 35-POUNDS PER ACRE.
 - FAIRWAYS, GREENS, TEE BOXES, AND OTHER GOLF-RELATED AREAS SHALL BE SEED AND/OR SODDED PER ARCHITECT RECOMMENDATIONS.
 - GENERAL SEEDING SHALL BE MNDOT SEED MIX 25-151 AT 70-POUNDS PER ACRE.
 - MULCH SHALL BE MNDOT TYPE 1 APPLIED AT 2-TONS PER ACRE.
- FOR AREAS WITH SLOPE OF 3:1 OR GREATER, RESTORATION WITH SOD OR EROSION CONTROL BLANKET IS REQUIRED.**
- ALL TEMPORARY STOCKPILES MUST HAVE SILT FENCE INSTALLED AROUND THEM TO TRAP SEDIMENT.
- ALL PERMANENT PONDS USED AS TEMPORARY SEDIMENT BASINS DURING CONSTRUCTION SHALL BE DREGGED AFTER THE SITE HAS BEEN STABILIZED TO RESTORE THE POND TO THE PROPOSED BOTTOM ELEVATION.
- ALL CONSTRUCTION SHALL CONFORM TO LOCAL AND STATE RULES INCLUDING THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS.
- THE SITE MUST BE KEPT IN A WELL-DRAINED CONDITION AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY DITCHES, PIPING OR OTHER MEANS REQUIRED TO INSURE PROPER DRAINAGE DURING CONSTRUCTION. LOW POINTS IN ROADWAYS OR BUILDING PADS MUST BE PROVIDED WITH A POSITIVE OUTFLOW.

WETLAND IMPACT SUMMARY

NO.	TYPE	AREA	FILL AREA	EXCAVATION AREA
WB-01	3' PERMIX	0.00 AC		
WB-02	2 1/2' PERMIX/PU BOX	1.660 AC		
WB-03	3' PERMIX/PU BOX	0.470 AC	0.438 AC	
WB-04	2 1/2' PERMIX/PU BOX	1.720 AC		0.364 AC
WB-05	2 1/2' PERMIX/PU BOX	2.890 AC		0.748 AC
TOTAL		6.541 AC	0.438 AC	1.122 AC

KEYMAP



PERMIT SET

DATE	DESCRIPTION
07/20/2024	ISSUED FOR MNDOT PERMIT
06/27/2024	PHASING & GRADING
05/14/2024	ISSUED FOR PERMIT
04/16/2024	GRADING & TREE IN UPDATES
03/07/2024	WAYZATA COMMENTS

PREPARED FOR:
WAYZATA COUNTRY CLUB
200 WAYZATA BLVD W
WAYZATA MN 55391

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MINNESOTA.
GRETHER L. SCHROEDER
GRETHER L. SCHROEDER
DATE: 07/17/2024 LICENSE NO. 43019

WAYZATA COUNTRY CLUB
REGRADE
WAYZATA & ORONO, MN

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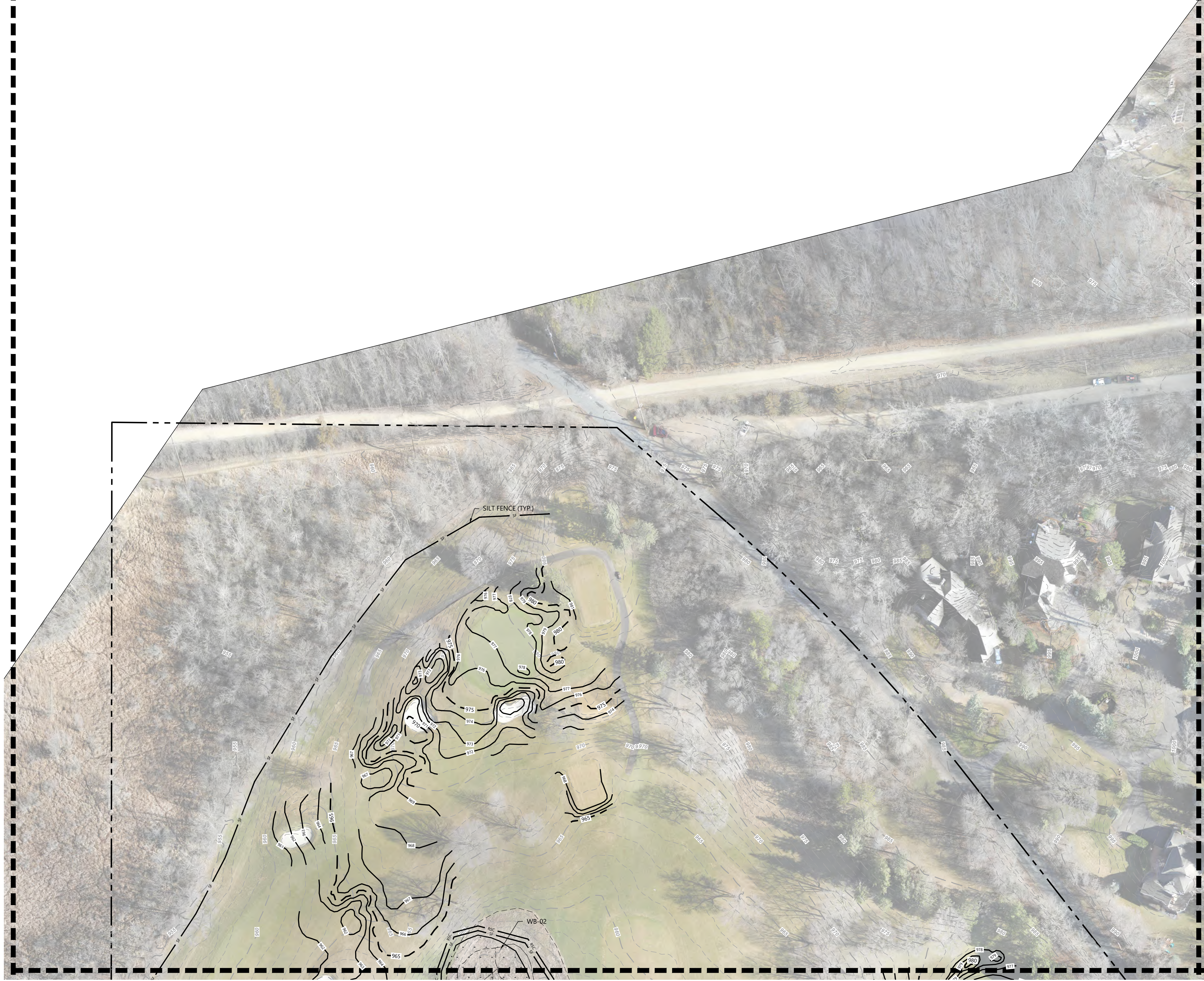
GRADING PLAN - AREA 2

SHEET NUMBER:

C202

DATE: 07/17/2024

PROJECT NUMBER: 0036326.00



GRADING LEGEND

EXISTING	PROPOSED	
		PROPERTY LINE
		INDEX CONTOUR
		INTERVAL CONTOUR
		CURB AND GUTTER
		POND NORMAL WATER LEVEL
		WATERMAIN
		SANITARY SEWER
		SANITARY SEWER FORCEMAIN
		SPOT ELEVATION
		FLOW DIRECTION
		SILT FENCE
		REDUNDANT SILT CONTROL
		PRE-CONSTRUCTION SILT CONTROL
		ROCK CONSTRUCTION ENTRANCE
		EROSION CONTROL BLANKET
		DELINEATED WETLAND
		WETLAND FILL AREA
		WETLAND EXCAVATION AREA

WETLAND IMPACT SUMMARY

1. THE APPLICANT HAS SUBMITTED AN INCIDENTAL WETLAND DETERMINATION FOR IMPACTS TO DELINEATED WETLAND FEATURE WB-03 FROM THE MINNEHAHA CREEK WATERSHED DISTRICT UNDER MN RULES 8420.0105 SUBPART 2 (INCIDENTAL WETLANDS) ON FEBRUARY 21, 2024. THE APPLICANT HAS ALSO SUBMITTED AN APPLICATION REQUESTING EITHER A NO-PERMIT REQUIRED LETTER FOR WORK IN WETLAND WB-03 OR AN AJD THAT THIS WETLAND IS NON-JURISDICTIONAL FROM THE ST PAUL DISTRICT OF THE US ARMY CORPS OF ENGINEERS.

GRADING NOTES

- LOCATIONS AND ELEVATIONS OF EXISTING TOPOGRAPHY AND UTILITIES AS SHOWN ON THIS PLAN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS AND UTILITY LOCATIONS PRIOR TO EXCAVATION/CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
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- EMBANKMENT MATERIAL NOT PLACED IN THE BUILDING PAD, STREETS OR PARKING AREA, SHALL BE COMPACTED IN ACCORDANCE WITH REQUIREMENTS OF THE ORDINARY COMPACTION METHOD AS OUTLINED IN MNDOT 2105.3F2.
- ALL SOILS AND MATERIALS TESTING SHALL BE COMPLETED BY AN INDEPENDENT GEOTECHNICAL ENGINEER. EXCAVATION FOR THE PURPOSE OF REMOVING UNSTABLE OR UNSUITABLE SOILS SHALL BE COMPLETED AS REQUIRED BY THE GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED SOILS TESTS AND INSPECTIONS WITH THE GEOTECHNICAL ENGINEER.
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- ORANGE CONSTRUCTION FENCE SHALL BE REQUIRED ALONG THE PERIMETER OF ALL PROJECTS ADJACENT TO EXISTING BUILDINGS, ROADS, PONDS, OR AS DIRECTED BY THE CITY OF WAYZATA. ORANGE SILT FENCE SHALL NOT BE ACCEPTED AS A SUBSTITUTE FOR ORANGE CONSTRUCTION FENCE.

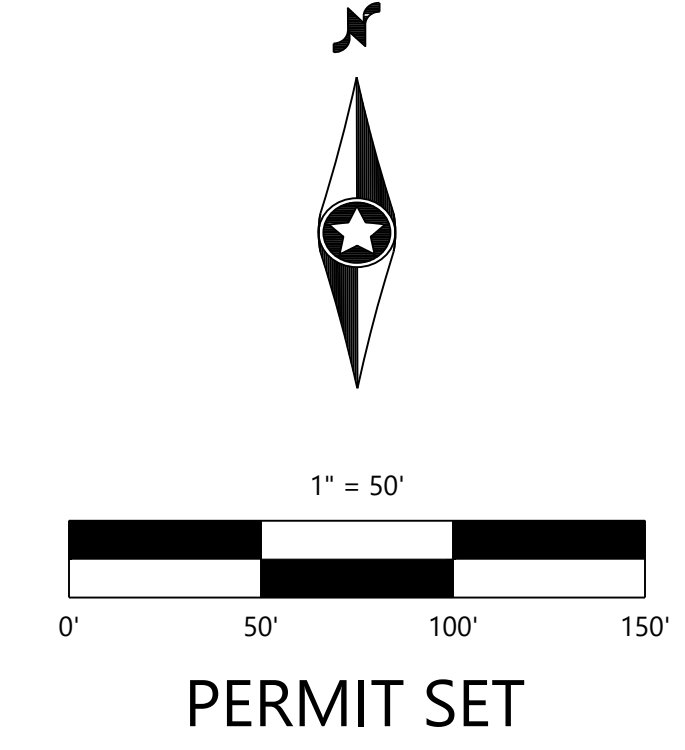
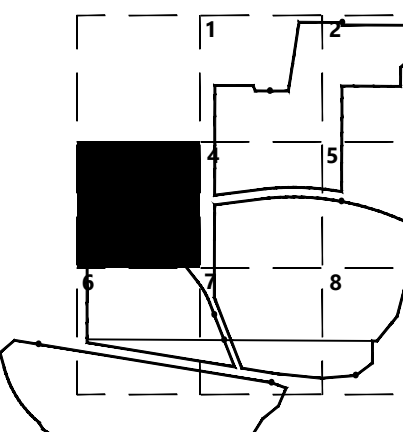
GENERAL EROSION CONTROL NOTES

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- ALL UNPAVED AREAS ALTERED DUE TO CONSTRUCTION ACTIVITIES MUST BE RESTORED WITH SEED AND MULCH, SOD, EROSION CONTROL BLANKET OR BE HARD SURFACE WITHIN 2 WEEKS OF COMPLETION OF CONSTRUCTION.
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 - FAIRWAYS, GREENS, TEE BOXES, AND OTHER GOLF-RELATED AREAS SHALL BE SEED AND/OR SODDED PER ARCHITECT RECOMMENDATIONS.
 - GENERAL SEEDING SHALL BE MNDOT SEED MIX 25-151 AT 70-POUNDS PER ACRE.
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- FOR AREAS WITH SLOPE OF 3:1 OR GREATER, RESTORATION WITH SOD OR EROSION CONTROL BLANKET IS REQUIRED.**
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WETLAND IMPACT SUMMARY

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KEYMAP



DATE	DESCRIPTION
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PREPARED FOR:
WAYZATA COUNTRY CLUB
200 WAYZATA BLVD W
WAYZATA MN 55391

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND IN ACCORDANCE WITH THE LAWS OF THE STATE OF MINNESOTA.
GRETCHEN L. SCHROEDER
DATE: 07/17/2024 LICENSE NO. 43019

WAYZATA COUNTRY CLUB
REGRAVING
WAYZATA & ORONO, MN

Westwood
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Minnetonka, MN 55343
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Westwood Professional Services, Inc.

GRADING PLAN - AREA 3

SHEET NUMBER:

C203

DATE: 07/17/2024

PROJECT NUMBER: 0036326.00



GRADING LEGEND

EXISTING	PROPOSED	
		PROPERTY LINE
		INDEX CONTOUR
		INTERVAL CONTOUR
		CURB AND GUTTER
		POND NORMAL WATER LEVEL
		WATERMAIN
		SANITARY SEWER
		SANITARY SEWER FORCEMAIN
		SPOT ELEVATION
		FLOW DIRECTION
		SILT FENCE
		REDUNDANT SILT CONTROL
		PRE-CONSTRUCTION SILT CONTROL
		ROCK CONSTRUCTION ENTRANCE
		EROSION CONTROL BLANKET
		DELINEATED WETLAND
		WETLAND FILL AREA
		WETLAND EXCAVATION AREA

WETLAND IMPACT SUMMARY

1. THE APPLICANT HAS SUBMITTED AN INCIDENTAL WETLAND DETERMINATION FOR IMPACTS TO DELINEATED WETLAND FEATURE WB-03 FROM THE MINNEHAHA CREEK WATERSHED DISTRICT UNDER MN RULES 8420.0105 SUBPART 2 (INCIDENTAL WETLANDS) ON FEBRUARY 21, 2024. THE APPLICANT HAS ALSO SUBMITTED AN APPLICATION REQUESTING EITHER A NO-PERMIT REQUIRED LETTER FOR WORK IN WETLAND WB-03 OR AN ADJ THAT THIS WETLAND IS NON-JURISDICTIONAL FROM THE ST. PAUL DISTRICT OF THE US ARMY CORPS OF ENGINEERS.

GRADING NOTES

- LOCATIONS AND ELEVATIONS OF EXISTING TOPOGRAPHY AND UTILITIES AS SHOWN ON THIS PLAN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS AND UTILITY LOCATIONS PRIOR TO EXCAVATION/CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
- CONTRACTORS SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULE, SLOPED PAVEMENT, EXIT PORCHES, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY ENTRANCE LOCATIONS, AND EXACT LOCATIONS AND NUMBER OF DOWNSPOUTS.
- ALL EXCAVATION SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF "STANDARD SPECIFICATIONS FOR TRENCH EXCAVATION AND BACKFILL/SURFACE RESTORATION" AS PREPARED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA.
- ALL DISTURBED UNPAVED AREAS ARE TO RECEIVE SIX INCHES OF TOPSOIL AND SOD OR SEED. THESE AREAS SHALL BE WATERED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED. SEE LANDSCAPE PLAN FOR PLANTING AND TURF ESTABLISHMENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, WARNING SIGNS, DIRECTIONAL SIGNS, FLAGMEN AND LIGHTS TO CONTROL THE MOVEMENT OF TRAFFIC WHERE NECESSARY. PLACEMENT OF THESE DEVICES SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT. TRAFFIC CONTROL DEVICES SHALL CONFORM TO APPROPRIATE MNDOT STANDARDS.
- ALL SLOPES SHALL BE GRADED TO 3:1 OR FLATTER, UNLESS OTHERWISE INDICATED ON THIS SHEET.
- CONTRACTOR SHALL UNIFORMLY GRADE AREAS WITHIN LIMITS OF GRADING AND PROVIDE A SMOOTH FINISHED SURFACE WITH UNIFORM SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE SHOWN OR BETWEEN SUCH POINTS AND EXISTING GRADES.
- SPOT ELEVATIONS SHOWN INDICATE FINISHED PAVEMENT ELEVATIONS & GUTTER FLOW LINE UNLESS OTHERWISE NOTED. PROPOSED CONTOURS ARE TO FINISHED SURFACE GRADE.**
- CONTRACTOR SHALL DISPOSE OF ANY EXCESS SOIL MATERIAL THAT EXISTS AFTER THE SITE GRADING AND UTILITY CONSTRUCTION IS COMPLETED. THE CONTRACTOR SHALL DISPOSE OF ALL EXCESS SOIL MATERIAL IN A MANNER ACCEPTABLE TO THE OWNER AND THE REGULATING AGENCIES.
- ALL CONSTRUCTION SHALL CONFORM TO LOCAL, STATE AND FEDERAL RULES INCLUDING THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS.
- PRIOR TO PLACEMENT OF ANY STRUCTURE OR PAVEMENT, A PROOF ROLL, AT MINIMUM, WILL BE REQUIRED ON THE SUBGRADE. PROOF ROLLING SHALL BE ACCOMPLISHED BY MAKING MINIMUM OF 2 COMPLETE PASSES WITH FULLY LOADED TANDEM-AXLE DUMP TRUCK, OR APPROVED EQUAL, IN EACH OF 2 PERPENDICULAR DIRECTIONS WHILE UNDER SUPERVISION AND DIRECTION OF THE INDEPENDENT TESTING LABORATORY. AREAS OF FAILURE SHALL BE EXCAVATED AND RE-COMPACTED AS SPECIFIED HEREIN.
- EMBANKMENT MATERIAL PLACED BENEATH BUILDINGS AND STREET OR PARKING AREAS SHALL BE COMPACTED IN ACCORDANCE WITH THE SPECIFIED DENSITY METHOD AS OUTLINED IN MNDOT 2105.3F1 AND THE REQUIREMENTS OF THE GEOTECHNICAL ENGINEER.
- EMBANKMENT MATERIAL NOT PLACED IN THE BUILDING PAD, STREETS OR PARKING AREA, SHALL BE COMPACTED IN ACCORDANCE WITH REQUIREMENTS OF THE ORDINARY COMPACTION METHOD AS OUTLINED IN MNDOT 2105.3F2.
- ALL SOILS AND MATERIALS TESTING SHALL BE COMPLETED BY AN INDEPENDENT GEOTECHNICAL ENGINEER. EXCAVATION FOR THE PURPOSE OF REMOVING UNSTABLE OR UNSUITABLE SOILS SHALL BE COMPLETED AS REQUIRED BY THE GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED SOILS TESTS AND INSPECTIONS WITH THE GEOTECHNICAL ENGINEER.
- CONTRACTOR TO SERVE FUTURE BUILDING PAD WITH SMALL UTILITIES. CONTACT OWNER FOR REQUIRED SIZES.
- CONTRACTOR/OWNER TO OBTAIN SOIL BORING IN AREA OF FUTURE BUILDING PAD.
- THE TOTAL AREA OF DISTURBANCE SHALL GENERALLY BE LIMITED TO 5 ACRES. MEANING ADDITIONAL AREA MAY BE OPENED AFTER PERMANENT OR TEMPORARY RESTORATION AND EROSION AND SEDIMENT CONTROL ITEMS ARE IN PLACE ON COMPLETED AREAS. THE OWNER SHALL BE REQUIRED TO IMPLEMENT SITE SPECIFIC PHASING REQUIREMENTS SET BY THE CITY OF WAYZATA.
- ORANGE CONSTRUCTION FENCE SHALL BE REQUIRED ALONG THE PERIMETER OF ALL PROJECTS ADJACENT TO EXISTING BUILDINGS, ROADS, PONDS, OR AS DIRECTED BY THE CITY OF WAYZATA. ORANGE SILT FENCE SHALL NOT BE ACCEPTED AS A SUBSTITUTE FOR ORANGE CONSTRUCTION FENCE.

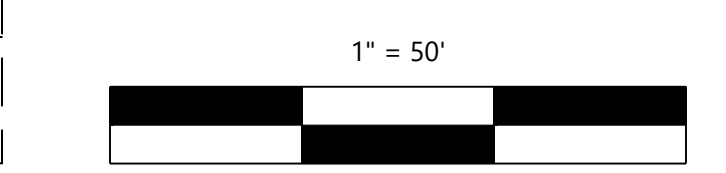
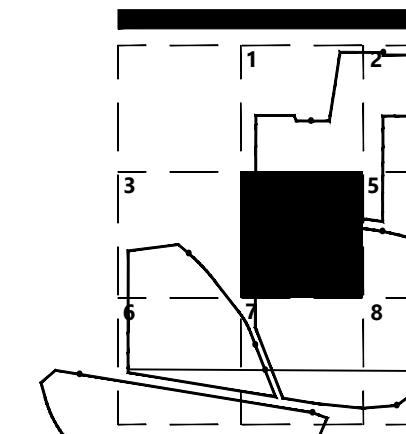
GENERAL EROSION CONTROL NOTES

- ALL SILT FENCE AND OTHER EROSION CONTROL FEATURES SHALL BE IN-PLACE PRIOR TO ANY EXCAVATION/CONSTRUCTION AND SHALL BE MAINTAINED UNTIL VIABLE TURF OR GROUND COVER HAS BEEN ESTABLISHED. EXISTING SILT FENCE ON-SITE SHALL BE MAINTAINED AND OR REMOVED AND SHALL BE CONSIDERED INCIDENTAL TO THE GRADING CONTRACT. IT IS OF EXTREME IMPORTANCE TO BE AWARE OF CURRENT FIELD CONDITIONS WITH RESPECT TO EROSION CONTROL. TEMPORARY PONDING, DIKES, HAYBALES, ETC., REQUIRED BY THE CITY SHALL BE INCIDENTAL TO THE GRADING CONTRACT.
- EROSION AND SILTATION CONTROL (ESC): THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR CONTROLLING ALL SILTATION AND EROSION OF THE PROJECT AREA. THE CONTRACTOR SHALL USE WHATEVER MEANS NECESSARY TO CONTROL THE EROSION AND SILTATION INCLUDING BUT NOT LIMITED TO: CATCH BASIN INSERTS, CONSTRUCTION ENTRANCES, EROSION CONTROL BLANKET, AND SILT FENCE. ESC SHALL COMMENCE WITH GRADING AND CONTINUE THROUGHOUT THE PROJECT UNTIL ACCEPTANCE OF THE WORK BY THE OWNER. THE CONTRACTOR'S RESPONSIBILITY INCLUDES ALL IMPLEMENTATION AS REQUIRED TO PREVENT EROSION AND THE DEPOSITION OF SILT. THE OWNER MAY DIRECT THE CONTRACTOR'S METHODS AS DEEMED FIT TO PROTECT PROPERTY AND IMPROVEMENTS. ANY DEPOSITION OF SILT OR MUD ON NEW OR EXISTING PAVEMENT OR IN EXISTING STORM SEWERS OR SWALES SHALL BE REMOVED AFTER EACH RAIN EVENT. AFFECTED AREAS SHALL BE CLEANED TO THE SATISFACTION OF THE OWNER. ALL AT THE EXPENSE OF THE CONTRACTOR. ALL TEMPORARY EROSION CONTROL SHALL BE REMOVED BY THE CONTRACTOR AFTER THE TURF IS ESTABLISHED.
- ALL STREETS DISTURBED DURING WORKING HOURS MUST BE CLEANED AT THE END OF EACH WORKING DAY. A CONSTRUCTION ENTRANCE TO THE SITE MUST BE PROVIDED ACCORDING TO DETAILS TO REDUCE TRACKING OF DIRT ONTO PUBLIC STREETS.
- ALL UNPAVED AREAS ALTERED DUE TO CONSTRUCTION ACTIVITIES MUST BE RESTORED WITH SEED AND MULCH, SOD, EROSION CONTROL BLANKET OR BE HARD SURFACE WITHIN 2 WEEKS OF COMPLETION OF CONSTRUCTION.
- THE SITE MUST BE STABILIZED PER THE REQUIREMENTS OF THE MPCA, NPDES, MNDOT, AND CITY.
 - TEMPORARY (LESS THAN 1-YEAR) SEED SHALL BE MNDOT SEED MIX 21-112 (FALL) OR 21-111 (SPRING/SUMMER) AT 100-POUNDS PER ACRE
 - POND SLOPES AND WETLAND AREAS SHALL BE MNDOT SEED MIX 33-261 AT 35-POUNDS PER ACRE.
 - FAIRWAYS, GREENS, TEE BOXES, AND OTHER GOLF-RELATED AREAS SHALL BE SEED AND/OR SODDED PER ARCHITECT RECOMMENDATIONS.
 - GENERAL SEEDING SHALL BE MNDOT SEED MIX 25-151 AT 70-POUNDS PER ACRE.
 - MULCH SHALL BE MNDOT TYPE 1 APPLIED AT 2-TONS PER ACRE.
- FOR AREAS WITH SLOPE OF 3:1 OR GREATER, RESTORATION WITH SOD OR EROSION CONTROL BLANKET IS REQUIRED.**
- ALL TEMPORARY STOCKPILES MUST HAVE SILT FENCE INSTALLED AROUND THEM TO TRAP SEDIMENT.
- ALL PERMANENT PONDS USED AS TEMPORARY SEDIMENT BASINS DURING CONSTRUCTION SHALL BE DREGGED AFTER THE SITE HAS BEEN STABILIZED TO RESTORE THE POND TO THE PROPOSED BOTTOM ELEVATION.
- ALL CONSTRUCTION SHALL CONFORM TO LOCAL AND STATE RULES INCLUDING THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS.
- THE SITE MUST BE KEPT IN A WELL-DRAINED CONDITION AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY DITCHES, PIPING OR OTHER MEANS REQUIRED TO INSURE PROPER DRAINAGE DURING CONSTRUCTION. LOW POINTS IN ROADWAYS OR BUILDING PADS MUST BE PROVIDED WITH A POSITIVE OUTFLOW.

WETLAND IMPACT SUMMARY

NO.	TYPE	AREA	FILL AREA	EXCAVATION AREA
WB-01	3' PERMIX	0.001 AC		
WB-02	2 1/2" PERMIX/PU BOX	1.660 AC		
WB-03	2 1/2" PERMIX/PU BOX	0.470 AC	0.438 AC	
WB-04	2 1/2" PERMIX/PU BOX	1.720 AC		0.364 AC
WB-05	2 1/2" PERMIX/PU BOX	2.890 AC		0.748 AC
TOTAL		6.541 AC	0.438 AC	1.122 AC

KEYMAP



DATE	DESCRIPTION
07/20/2024	ISSUED FOR MNDOT PERMIT
06/27/2024	PHASING & GRADING
05/14/2024	ISSUED FOR PERMIT
04/16/2024	GRADING & TREE IN/UPDATES
03/07/2024	WAYZATA COMMENTS
02/20/2024	WAYZATA COMMENTS

PREPARED FOR:
WAYZATA COUNTRY CLUB
200 WAYZATA BLVD W
WAYZATA MN 55391

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND IN ACCORDANCE WITH THE LAWS OF THE STATE OF MINNESOTA.
GRETHER L. SCHROEDER
DATE: 07/17/2024 LICENSE NO. 43019

WAYZATA COUNTRY CLUB
REGRAVING
WAYZATA & ORONO, MN

Westwood
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(952) 837-5150
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GRADING PLAN - AREA 4

SHEET NUMBER:

C204

DATE: 07/17/2024

PROJECT NUMBER: 0036326.00

5



GRADING LEGEND

EXISTING	PROPOSED	
		PROPERTY LINE
		INDEX CONTOUR
		INTERVAL CONTOUR
		CURB AND GUTTER
		POND NORMAL WATER LEVEL
		WATERMAIN
		SANITARY SEWER
		SANITARY SEWER FORCEMAIN
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		REDUNDANT SILT CONTROL
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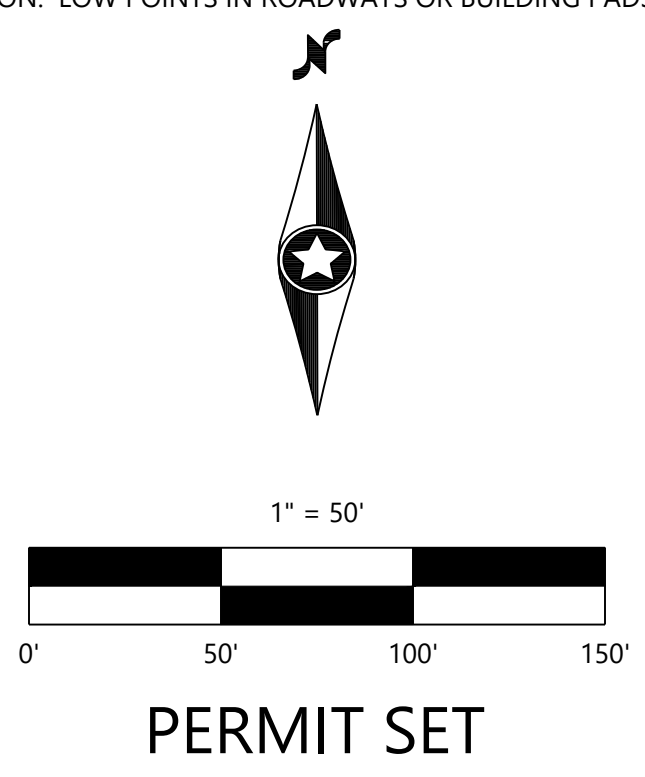
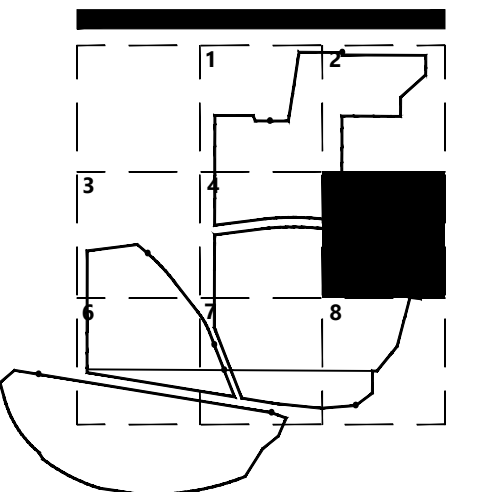
GENERAL EROSION CONTROL NOTES

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WETLAND IMPACT SUMMARY

NO.	TYPE	AREA	FILL AREA	EXCAVATION AREA
WB-01	3' PERM TX	0.001 AC		
WB-02	2 1/2' PERM TX BOX	1.680 AC		
WB-03	3' PERM TX PLUG OR	0.470 AC	0.438 AC	
WB-04	2 1/2' PERM TX PLUG BOX	1.720 AC		0.364 AC
WB-05	2 1/2' PERM TX PLUG BOX	2.890 AC		0.748 AC
TOTAL		6.541 AC	0.438 AC	1.124 AC

KEYMAP



INITIAL ISSUE	DATE	BY	FOR
DESIGNED	02/20/2024		
CHECKED	03/07/2024		
INVESTIGATED	04/16/2024		
APPROVED	05/14/2024		
ISSUED FOR PERMIT	06/17/2024		
ISSUED FOR M&WD PERMIT	07/17/2024		

PREPARED FOR:
WAYZATA COUNTRY CLUB
 200 WAYZATA BLVD W
 WAYZATA MN 55391

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND IN ACCORDANCE WITH THE LAWS OF THE STATE OF MINNESOTA.
GRETHERA L. SCHROEDER
 GRETHERA L. SCHROEDER
 DATE: 07/17/2024 LICENSE NO. 43019

WAYZATA COUNTRY CLUB
REGRAVING
 WAYZATA & ORONO, MN

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 Minneapolis, MN 55428
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 Fax: (612) 837-2222
 Email: info@westwoodps.com
 Westwood Professional Services, Inc.

GRADING PLAN - AREA 5

SHEET NUMBER:

C205

DATE: 07/17/2024

PROJECT NUMBER: 0036326.00